

# TWENTIETH ANNUAL MEETING OF THE CALIFORNIA AQUATIC BIOASSESSMENT WORKGROUP

DAVIS, CALIFORNIA  
OCTOBER 29 and 30

## MEETING AGENDA

**TUESDAY OCTOBER 29**

**ARC Ballroom, UC Davis Campus**

- 8:30 – 9:00 **Registration**
- 9:00 - 9:10 [Welcome and Objectives of the Meeting](#) (29:28 - **Presentation ends at 08:18**) – *Jim Harrington, California Department of Fish and Wildlife (CDFW), Office of Spill Prevention and Response (OSPR), Aquatic Bioassessment Laboratory (ABL), Rancho Cordova*
- 9:10 - 9:30 [Overview of the CDFW’s Office of Spill Prevention and Response New Challenges](#) (29:28 – **Presentation starts at 08:19**) – *Dave Crane, Laboratory Program Manager, OSPR Scientific Branch, Rancho Cordova*
- 9:30 - 10:00 [Update on Developing the Biological Objectives Regulatory Framework](#) (27:08) – *Karen Larsen, State Water Resources Control Board (SWRCB), Sacramento*
- 10:00 - 10:30 [The Healthy Streams Partnership and the California Healthy Watershed Initiative](#) (25:51) – *Lori Webber, SWRCB, Sacramento*
- 10:30 – 11:00 **Break**
- 11:00 - 11:30 [Dry, Dusty and Determined: Nevada’s Bioassessment Program During a Drought Year](#) (30:30) – *Marianne Denton, Bioassessment Program Coordinator Nevada Division of Environmental Protection, Bureau of Water Quality Planning*
- 11:30 – 11:40 [Overview of Bioassessment Activities in the State of Arizona](#) (18:36) – *PattiSpindler, Arizona DEQ*
- 11:40 – 12:00 Update on the College of Bioassessment and Plans for the 2014 Session (**We have no video; please contact Jim for more information.**) – *Jim Harrington, ABL, (916) 358-2862, [James.Harrington@wildlife.ca.gov](mailto:James.Harrington@wildlife.ca.gov)*
- 12:00 – 12:20 [CDFW’s New Scientific Collection Permit Process](#) (43:19) – *Daniel Kratville, CDFW Fisheries Branch, Sacramento*
- 12:20 – 2:00 **Lunch**

- 2:00 – 2:10 [Introduction to the Special Session on Addressing Non-perennial Streams](#) (13:55) – *Pete Ode, ABL*
- 2:10 – 2:40 [Development of Models to Predict Expected Flow in California Streams](#) (30:22) – *Daren M Carlisle, Ph.D., Ecological Studies Coordinator National Water- Quality Assessment Program U.S. Geological Survey*
- 2:40 – 3:10 [An Intermittent Stream Bioassessment Tool for the Arizona-New Mexico Mountains Ecoregion of Arizona](#) (18:02) – *David C. Richards, Cramer Fish Sciences, West Sacramento, CA and Patrice Spindler, Arizona DEQ*
- 3:10 – 3:30 [Developing Assessment Tools for Arid, Episodic Streams](#) (33:47) – *Christopher Solek, Southern California Coastal Water Research Project (SCCWRP), Costa Mesa*
- 3:30 – 4: 00 [New Tools and Videos from the SWRCB Clean Water Team](#) (21:13) – *Erick Burres, SWRCB*

### WEDNESDAY OCTOBER 30

### ARC Ballroom, UC Davis Campus

- 9:00 – 9: 20 Management Implications and Analytical Methodology of Cyanobacteria in California – [Kim Ward, SWRCB \(Video A\)](#) (23:23) and [David Crane, CDFW OSPR \(Video B\)](#) ( 11:52)
- 9:20 – 9: 40 [Cyanotoxins Discovered in Different Water Body Types Throughout Southern California](#) (15:49) – *Carey Nagoda and Lilian Busse, San Diego Regional Water Quality Control Board*
- 9:40 – 10:10 [California’s Bioassessment Program for Depressional Wetlands](#) (29:57) – *Eric Stein, SCCWRP*
- 10:10 – 10:40 [Developing an Index of Physical Integrity](#) (20:28) – *Raphael Mazor, SCCWRP*
- 10:40 – 11:00 **Break**
- 11:00 - 11:20 [Bioassessment of the San Joaquin River: Implications for Chinook Salmon Habitat Restoration](#) (21:35) – *Amy Krisch, CDFW, Fresno*
- 11:20 – 11: 40 [Use of Bioassessment in Developing TMDL for Malibu Creek](#) (39:31) – *Cindy Lin, US EPA, Santa Monica*
- 11:40 – 12: 00 [Evaluating the Effects of Spawning Bed Enhancement on Water Quality and Benthic Communities in Deer Creek, Nevada County, California](#) (19:16) – *Rachel Durben, Jeff Lauder and Justin Wood, Sierra Streams Institute, Nevada City*

- 12:00 – 12:30 [A New Tool for Detecting Stress in Aquatic Insects at the Metabolic Level](#) (39:37) – *Scott Johnson & Wendy Willis, Aquatic Bioassay and Consulting Laboratories, Ventura, CA; Jesus Reyes & Rich Gossett, Institute for Integrated Research in Materials, Environments, and Society (IIRMES); Kristy Morris, Council for Watershed Health, Los Angeles*
- 12:30 – 1:30 **Lunch**
- 1:30 – 1:50 [Environmental Impacts of Marijuana Cultivation; Scenes from the Trenches](#) (21:17) – *Scott Bauer, CDFW, Eureka*
- 1:50 - 2:20 [Plans for Monitoring the Aquatic Effects of Marijuana Cultivation in a Central Valley Watershed](#) (21:32) – *Jim Harrington, ABL and Patricia Bratcher, CDFW, Red Bluff*
- 2:20 – 2:40 [Impacts of Surface Water Diversions for Marijuana in Four Northwestern California Streams](#)(31:33) – *Adam Cockrill, Jennifer Olson and Scott Bauer, CDFW, Eureka*
- 2:40 – 4:00 **First Meeting of the California Chapter of the Society of Freshwater Science (SFS)**